



<b>Substitute for form 1449A/PTO</b> <b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/807,091
				Filing Date	March 23, 2004
				First Named Inventor	Darryl A. Bourgoyne
				Group Art Unit	3672
Examiner Name	Hoang C. Dang				
Attorney Docket Number	65501.0050				
Sheet	1	of	6		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind-Code <sup>2</sup> (optional)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
HD		US - 3,405,763	10-1968	Pitts, et al	
		US - 3,421,580	01-1969	Fowler, et al.	
		US - 3,443,643	05-13-1969	Marvin R. Jones	Col. 3, Ins. 53-63; Col. 4, Ins. 8-18' see 5S below
		US - 3,583,480	06-1971	John Regan	
		US - 3,638,721	02-01-1972	Otto R. Harrison	See 6/26/2001 IPER for PCT/GB00/00726; Fig. 2; see 5L, 5O, 5P; 5Q, 5R, 5T, 5U, 5V, 5W below
		US - 3,827,511	08-06-1974	Marvin R. Jones	See 5T, 5U, 5V, 5W below
		US - 3,847,215	11-1974	Herd	
		US - 3,924,678	12-1975	Ahlistone	
		US - 4,046,191	09-06-1977	Robert Arthur Neath	See 5U, 5V, 5W below
		US - 4,149,603	04-17-1979	James F. Arnold	See 5U below
		US - 4,157,186	06-05-1979	Edwin G. Murray, et al.	See 5U, 5V below
		US - 4,313,054	01-1982	Richard M. Martini	
		US - 4,353,420	10-1982	Miller	
		US - 4,355,784	10-26-1982	Lester L. Cain	See 5U, 5V below
		US - 4,440,232	04-1984	Joseph L. LeMoine	
		US - 4,484,753	11-27-1984	Mammohan S. Kalsi	
		US - 4,509,405	04-1985	H. John Bates	
		US - 4,540,053	09-1985	Baugh, et al.	
		US - 4,597,448	07-01-1986	Benton F. Baugh	
HD		US - 4,626,135	12-02-1986	Joseph R. Roche	See 11/29/2004 European Pat. Office Action for Application No. 00906522.8; see 7/22/2005 Norway Pat. Office Action of Application No. 20013952; See 8/26/2001 IPER for PCT/GB00/00726;

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.  
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Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)		Application Number	10/807,091
		Filing Date	March 23, 2004
		First Named Inventor	Darryl A. Bourgoyne
		Group Art Unit	3872
		Examiner Name	Hoang C. Dang
Sheet	2	of	6
		Attorney Docket Number	65501.0050

U.S. PATENT DOCUMENTS					
					see 5A 5G, 5I, 5J, 5L, 5M, 5O, 5P, 5Q below
HD		US - 4,736,799	04-1988	Ahlstone	
		US 4,813,495	03-21-1989	Colin P. Leach	See 11/1/2004 Norway Patent Office Action for Patent Application No. 20003950; see 5T below
		US - 4,832,126	05-23-1989	Joseph R. Roche	
		US - 5,163,514	11-17-1992	Charles E. Jennings	See Col. 1, Lns. 44-51; Col. 2, ln. 62 to Col. 3, ln. 57; and Figs 1 & 2; see 5B below
		US - 5,195,754	03-23-1993	Lannie Dietle	
		US - 5,230,520	07-27-1993	Lannie Dietle, et al.	
		US - 5,251,869	12-12-1993	Benny M. Mason	
		US - 5,325,925	07-1994	Smith, et al.	
		US - 5,348,107	09-1994	Thomas F. Bailey, et al.	
		US - 5,607,019	03-1997	Kent	
		US - 5,662,171	09-02-1997	James D. Brugman, et al.	
		US - 5,662,181	09-02-1997	John R. Williams	See YYYY, 5L, 5M, 5N, 5O, 5P, 5Q, 5U, 5V, 5X below; the whole document
		US - 5,671,812	09-1997	Bridges	
		US - 5,678,829	10-21-1997	Mammohan S. Kalsi, et al.	
		US - 5,738,358	04-14-1998	Mammohan S. Kalsi, et al.	
		US - 5,823,541	10-20-1998	Lannie Dietle, et al.	
		US - 5,873,576	02-23-1999	Lannie Deitle, et al.	
		US - 5,944,111	08-1999	Bridges	
		US - 6,007,105	12-28-1999	Lannie Dietle, et al.	
		US - 6,016,880	01-2000	Hall, et al.	
		US - 6,036,192	03-14-2000	Lannie Deitle, et al.	
		US - 6,102,673	08-2000	Mott, et al.	
✓		US - 6,109,348	08-2000	Caraway	
		US - 6,109,618	08-29-2000	Lannie L. Dietle	
HD		US - 6,129,152	10-10-2000	Hosie, et al.	Col. 10, ln. 22-Col. 12, ln. 31; Figs. 1 & 2; see YYYY, 5X below

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Examiner Name	Hoang C. Dang				
Attorney Docket Number	65501.0050				
Sheet	3	of	6		

U.S. PATENT DOCUMENTS					
		US - 6,138,774	10-31-2000	Adam T. Bourgoyne, Jr., et al.	See Figs & claims 1-3, noting bearing assembly 60 located in subsea apparatus above a borehole; see 5C, 5F below
HD		US - 6,202,745	03-2001	Reimert, et al.	
		US - 6,227,547	05-08-2001	Lannie Dietle, et al.	
		US - 6,230,824	05-2001	Peterman, et al.	
		US - 6,354,385	03-12-2002	Ford, et al.	
		US - 6,457,529	10-01-2002	Ian Douglas Calder, et al.	See 5X below
		US - 6,470,975	10-29-2002	Bourgoyne, et al.	See ZZZZ, 5C, 5X below
		US - 6,478,303	11-12-2002	Radcliffe	
		US - 6,547,002	04-15-2003	Bailey, Thomas F., et al.	See 5X below
		US - 6,554,016	04-29-2003	Joseph Kinder	
		US - 6,702,012	07-03-2003	Bailey, Thomas F., et al.	See 5X below
		US - 6,732,804	05-2004	Hosie, et al.	
		US - 6,749,172 B2	08-15-2004	Joseph Kinder	
		US - 6,843,313	12-13-2001	Hult	
		US - 6,913,092	07-2005	Darryl Bourgoyne	
		US - 7,004,444	02-28-2006	Joseph Kinder	
		US - 7,040,394	05-06-2004	Bailey, Thomas F., et al.	Figs. 1, 7a, 7b, 8; see YYYY, 5X below
		US - 7,080,685 B2	01-06-2005	Bailey, Thomas F., et al.	See 5X below
		US - 2001-0050185	12-13-2001	Ian Douglas Calder	Pg. 2, ln. 15, ¶17-ln. 24; Fig. 2; see YYYY, ZZZZ below
		US - 2003/0102136	06-05-2003	Nelson, et al.	
		US - 2003/0106712-A1	06-12-2003	Darryl Bourgoyne	
		US - 2004/0238175	12-2004	Wade, et al.	
		US - 2005/241833 A1	03-11-2005	Thomas F. Bailey	
		US - 2005/0151107	07-14-2005	Shu	
		US - 2006/0102387 A1	05-18-2006	Darryl A. Bourgoyne, et al.	
HD		US - 2006/0108119A1	05-25-2006	Thomas F. Bailey, et al.	See 5X below

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				Group Art Unit	3672
Examiner Name	Hoang C. Dang				
Attorney Docket Number	65501.0050				
Sheet	4	of	6		

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code	Number * Kind Code **			
HD		CA	2383132 A1	09-08-2000	Darryl A. Bourgoyne, et al.	See US - 6,470,975
		CA	2447196 A1	04-30-2004	Thomas F. Bailey, et al.	See US - 7,040,394
		GB	2394741 A	05-05-2004	Thomas F. Bailey, et al.	See US - 7,040,394
		EP	0290250 A2	11-09-1988	Conoco, Inc.	Col. 5, Ins. 1-65; Fig. 2; see 5B below and US - 4,813,495
		EP	0290250 A3	11-09-1988	Conoco, Inc.	See attached European Search Report for Appln. EP 88 30 4057 completed 08-22- 1989 and US - 4,813,495
		AU	199927822 B2	09-10-1999	Williams Tool Co., Inc.	See US - 6,138,774
		AU	200028183 A1	09-08-2000	Weatherford/Lamb, Inc.	See US - 6,470,975
		AU	200028183 B2	09-08-2000	Weatherford/Lamb, Inc.	See US - 6,470,975
		GB	2,067,235 A	07-1981	Diehl	
		EP	267,140 B1	03-31-1993	Galle, et al.	
		PCT	WO99/50524 A2	10-07-1999	Mott, et al.	
		PCT	WO99/51852 A1	10-14-1999	Bridges, et al.	
		PCT	WO99/50524 A3	10-07-1999	Mott, et al.	
HD		PCT	WO00/52299 A	09-08-2000	Don M. Hannegan, et al.	See Figs. & claims, noting housing 14 and bearing assembly 28; see ZZZZ, 5C below; see US - 6,470,975

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Attorney Docket Number	65501.0050				
Sheet	5	of	6		

U.S. PATENT RELATED APPLICATIONS				
Exr Initials	APPLICATION NO.	ATTY. DOCKET NO.	Status or Patentee	Date of Filing or Issue
	60/079,641	09432/160001	Abandoned, but Priority Claimed in above U.S. Patent Nos. 6,230,824B1 and 6,102,673 and PCT WO 99/50524	03-27-1998
	60/122,530	055010.0022	Priority Claimed in U.S. Patent No. 6,470,975B1	03-02-1999

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include Name of first Author (in CAPITAL LETTERS), title of the article (where appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), volume-issue number(s), page(s), date (in Parentheses). If a book, also include publisher and city and/or county where published.	
HD	XXXX	TANGEDAHL, M.J., et al. "Rotating Preventers: Technology for Better Well Control", World Oil, Gulf Publishing Company, Houston, TX, US, Vol. 213, No. 10, 10/1992, (1992-10-01) numbered pages 63-64 and 66 (3 pages) XP 000288328 ISSN: 0043-8790 (see YYYY, 5X below)	
	YYYY	European Search Report for EP 05 27 0083, Application No. 05270083.8-2315, European Patent Office, March 2, 2006 (5 pages)	
	ZZZZ	Netherlands Search Report for NL No. 1026044, dated 12/14/05 (3 pages)	
	5A	Int'l. Search Report for PCT/GB 00/00731 corresponding to U.S. Patent No. 6,470,975 (6/16/00) (2 pages)	
	5B	GB0324939.8 Examination Report corresponding to U.S. Patent No. 6,470,975 (3/21/06) (8 pages)	
	5C	GB0324939.8 Examination Report corresponding to U.S. Patent No. 6,470,975 1/22/04) (3 pages)	
	5D	2003/0106712 Family Lookup Report (6/15/06) (5 pages)	
	5E	6,470,975 Family Lookup Report (6/15/06) (5 pages)	
	5F	AU S/N 28183/00 Examination Report corresponding to U.S. Patent No. 6,470,975 (1 page) (9/9/2002)	
↓	5G	NO S/N 20013953 Examination Report corresponding to U.S. Patent No. 6,470,975 w/one page of English translation (3 pages) (4/29/2003)	
HD	5H	NESSA; D.O. & Tangedahl, M.L. & Saponja, J.: <b>PART 1:</b> "Offshore underbalanced drilling system could revive field developments", World Oil, Vol. 218 No. 7, Cover Page, 3, 61-64 and 66 (July 1997); and <b>PART 2:</b> "Making this valuable reservoir drilling/completion technique work on a conventional offshore drilling platform." -- World Oil, Vol. 218 No. 10, Cover Page, 3, 83, 84, 86 and 88 (October 1997) (see 5A, 5G above and 5I below)	

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
BD	5I	Int'l. Search Report for PCT/GB 00/00731 corresponding to U.S. Patent No. 6,470,975 (4 pages) (6/27/2000)
	5J	Int'l. Preliminary Examination Report for PCT/GB 00/00731 corresponding to U.S. Patent No. 6,470,975 (7 pages) (12/14/2000)
	5K	NL Examination Report for WO 00/52299 corresponding to this U.S. S/N 10/281,534 (3 pages) (12/19/2003)
	5L	AU S/N 28181/00 Examination Report corresponding to U.S. Patent No. 6,263,982 (1 page) (9/6/2002)
	5M	EU Examination Report for WO 00/906522.8-2315 corresponding to U.S. Patent No. 6,263,982 (4 pages) (11/29/2004)
	5N	NO S/N 20013952 Examination Report w/two pages of English translation corresponding to U.S. Patent No. 6,263,982 (4 pages) (7/22/2005)
	5O	PCT/GB00/00726 Int'l. Preliminary Examination Report corresponding to U.S. Patent No. 6,263,982 (10 pages) (6/26/2001)
	5P	PCT/GB00/00726 Written Opinion corresponding to U.S. Patent No. 6,263,982 (7 pages) (12/18/2000)
	5Q	PCT/GB00/00726 International Search Report corresponding to U.S. Patent No. 6,263,982 (3 pages) (3/2/1999)
	5R	AU S/N 27822/99 Examination Report corresponding to U.S. Patent No. 6,138,774 (1 page) (10/15/2001)
	5S	EU 99908371.0-1266-US9903888 European Search Report corresponding to U.S. Patent No. 6,138,774 (3 pages) (11/2/2004)
	5T	NO S/N 20003950 Examination Report w/one page of English translation corresponding to U.S. Patent No. 6,138,774 (3 pages) (11/1/2004)
	5U	PCT/US99/03888 Notice of Transmittal of International Search Report corresponding to U.S. Patent No. 6,138,774 (6 pages) (8/4/1999)
	5V	PCT/US99/03888 Written Opinion corresponding to U.S. Patent No. 6,138,744 (5 pages) (12/21/1999)
▼	5W	PCT/US99/03888 Notice of Transmittal of International Preliminary Examination Report corresponding to U.S. Patent No. 6,138,774 (15 pages) (6/12/2000)
BD	5X	EU Examination Report for 05270083.8-2315 corresponding to US 2006/0108119 A1 published 5/25/2006 (11 pages) (5/10/2006)

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